ABSTRACT

A system and method for material handling and routing materials is disclosed. The method for replenishing low inventory begins by first collecting inventory data that represents the supply level or quantity of a part. Next, the inventory data, including the supply level, is uploaded to a database where the inventory data is compared to a trigger so that a decision can be made as to whether the supply is too low and requires replenishment. If the supply is low and needs to be replenished then a first person is alerted that the supply of the part is low and needs to be replenished. The first person continues to be alerted until the low supply part is sent and the sender has verified that the part has been sent. This alert can take the form of a RED color showing up on a computer terminal that remains RED until the sender verifies that the part has been sent. Once it is acknowledged that the part has been sent then the database is updated with this information and the alert of low inventory is changed to a second alert signifying that the part is in transit. This second alert can take the form of a YELLOW color showing up on a computer screen. This second YELLOW alert, alerts the receiver as well as others that the parts are in transit. Once the part arrives and an acknowledgement is made indicating that the part has arrived, an acknowledgement signal is sent. The acknowledgement can be a GREEN color showing up on the computer screen.